

UNIVERSITY OF ALBERTA

# folio

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## Imperial Oil donates \$10 million to university

### Largest gift in Faculty of Engineering history

By Geoff McMaster

It was 80 years ago when a University of Alberta researcher, Karl Clark, figured out how to extract oil from the Athabasca Oilsands using hot water. The process was a breakthrough, but it proved difficult and far too expensive.

Clark once remarked that the oilsands "have been a taunt to North America for generations. They wear a smirk which seems to say, 'when are you going to do something?'" He died just nine months before commercial production began on the sands in 1967.

If only he could see us now.

On Monday Imperial Oil announced a \$10 million gift to establish the Imperial Oil Centre for Oil Sands Innovation at the University of Alberta's Faculty of Engineering. It's the largest single corporate donation the faculty has ever received and the most the oil company has ever invested in a university.

The new centre will concentrate on finding more efficient, economically viable and environmentally responsible ways to develop one of the largest crude oil deposits in the world.

Spread over five years, the funding will allow the engineering faculty to recruit "a minimum of five additional outstanding faculty members, at least 35 graduate students and 10 associated research staff," said dean of engineering Dr. David Lynch.

The expansion, when added to existing staff, will create a critical mass of close to 100 people, all working on problems in the energy field. The new centre "will truly be the centerpiece for oilsands research around the world," he said.

Tim Hearn, president and CEO of Imperial Oil, called the centre "the first of its kind...It recognizes the University



Oilsands projects (above) will be conducted in a more efficient and environmentally sensitive way with research from the Imperial Oil Centre for Oil Sands Research.

of Alberta's well-earned reputation for ground-breaking research in petroleum research."

#### SEE RELATED STORY, PAGE 2

Western Canada's oilsands are one of the three largest petroleum deposits in the world, with some \$60 billion oilsands projects either planned or underway in northern Alberta. Yet for the first three quarters of the 20th century, said Hearn, they remained an undeveloped resource, because there was no practical, economically viable means of separating oil from the sands: "In fact when I joined Imperial in the late 1960s, commercial development seemed a remote possibility at best."

Today oilsands production exceeds one million barrels a day, he said, account-

ing for almost half of Canada's total crude oil production. But with a total estimated resource of 1.7 trillion barrels of oil and clay, "we have only barely scratched the surface of what might be possible."

Hearn underscored the need for developing petroleum, given the realities of a growing population and expanding economy. While the use of alternative energy sources will steadily grow, "for the next several decades, most of the world's energy will continue to come from fossil fuel...Oil and gas alone will continue to be the dominate source of energy, comprising almost 60 per cent of world supply by the middle of this century."

Lynch said heavy activity in the oil patch is partly reflected in the engineering

faculty's 50 per cent expansion in undergraduate enrolment and 125 per cent increase in graduate enrolment, as well as in its current one-million-square-foot expansion of physical space.

Of its 165 faculty, 75 are devoted to energy-related research, in addition to 500 graduate students, constituting "one of the largest concentrations of energy and environmentally related research engineers and scientists in North America," said Lynch. ■

#### >>quick >>facts

Some of the activities planned for the Imperial Oil Centre for Oil Sands Innovation:

- Research on chemistry, thermodynamics and interfacial properties of bitumen to support new technologies for oil separation processing and monitoring.
- New approaches to separation of oil from bitumen, based on nanostructured materials, adding value by providing clean fuels and petrochemical products.
- Gasification of bitumen with an emphasis on novel approaches that support integration with production and upgrading.
- New methods for analyzing production and upgrading of bitumen from oilsands to allow the rational design of integrated processes. Like life-cycle analysis for manufactured products, these methods will consider all aspects of the utilization of the natural resources. ■

## Celebrating Canada's Brightest Minds

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# \$24-million Agri-food centre announced

**Focus on food safety and value-added processing**

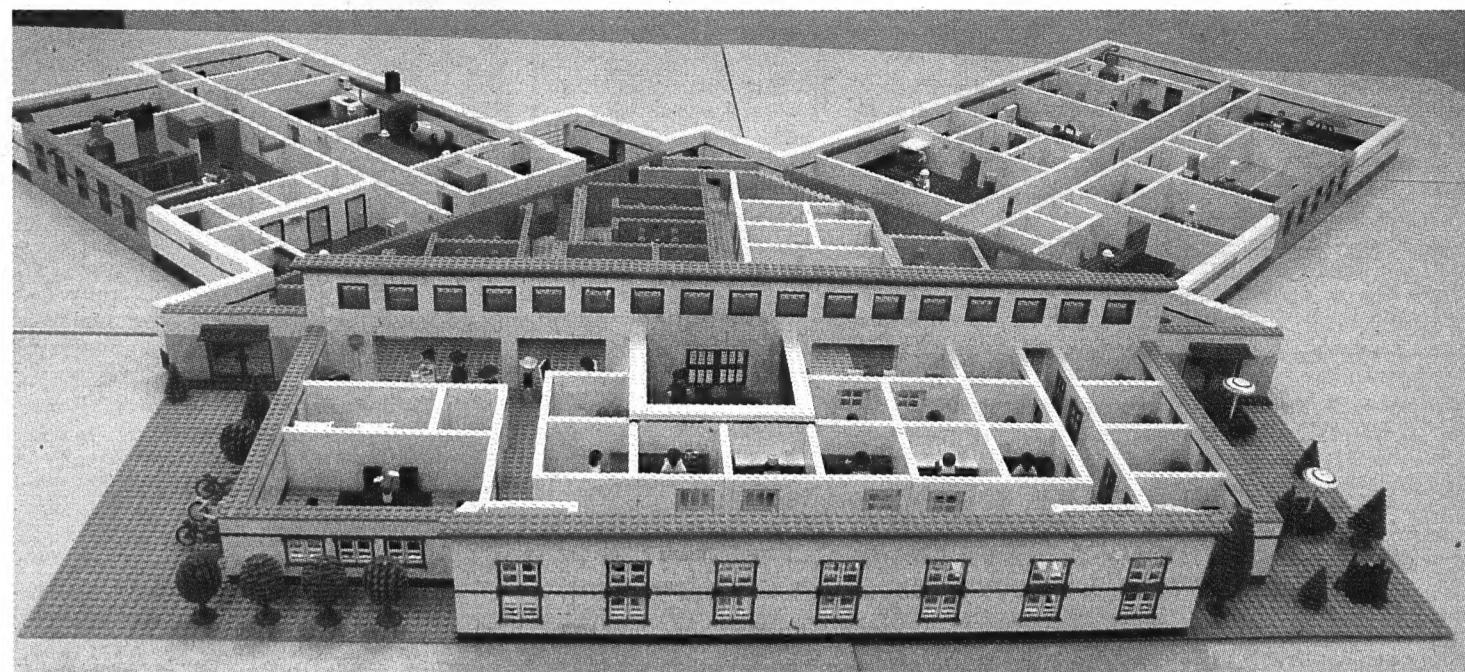
By Scott Lingley

The layer of fresh snow concealing the sod that was to be turned in a ceremony heralding the future site of the University of Alberta's \$24 million Agri-Food Discovery Place (AFDP) did little to dampen the enthusiasm of representatives from the provincial and federal governments, private industry and the U of A Department of Agricultural, Food and Nutritional Science.

AFDP will be home to world-class innovative research, training and technology transfer, with a focus on food safety and value-added processing of food and industrial products. The facility is slated to open in the fall of 2005.

"We see Agri-Food Discovery Place as the essential plank of innovation and discovery that's going to drive a lot of new technologies, a lot of new research ideas on the crop side and on the meat safety side," said Dr. John Kennelly, dean of the Faculty of Agriculture, Forestry and Home Economics said during the Oct. 18 sod-turning. "We're not quite done with the fundraising, but it shows the commitment on the part of the university to this project that we're prepared to go ahead at this stage of fundraising."

Jim Fleury, acting assistant deputy minister (Alberta) for Western Economic



A Lego model of the \$24-million Agri-Food Discovery Place was on display at the facility's sod-turning.

Diversification – one of AFDP's major funders – was optimistic about the opportunities and improvements to quality of life in the province and beyond that the new research facility would generate.

"Agri-Food Discovery Place will help us create new processes for enhancing food safety, and it will also help us develop new technology to meet industry and consumer demands," Fleury said. "We will all benefit from industry-driven research and the enhanced working relationship between the U of A and local firms this project will help promote."

Key research to be undertaken at AFDP includes:

- Advanced research into food-borne pathogens to improve the safety of the

world's food supply.

- Research into sustainable growth for Alberta's food manufacturing industry.
- Development for alternative uses of secondary products from beef processing.
- Development of value-added food products.

- Research into how to use crops to create biofuels, bioplastics, building products, paper and fibres, supported by the planned \$3.2-million Bunge Lipid Utilization Centre.

"With the advent of this state-of-the-art facility, we are positioned to be at the forefront of lipid utilization research in the world," said U of A researcher Dr. Suresh Narine. "We now have the capacity to go beyond any research that's been done."

Alberta Agriculture minister Shirley McClellan said the province is investing in AFDP based on the conviction that the research will help Alberta maintain its position as a major centre of agri-business.

"I always remind people, although we are a small-population province, we are the second largest agricultural producer in this country, we are the second largest exporter of manufactured food in this country, and we didn't get there by accident -- we got there through good research," McClellan said. "This is a good investment for the people of Alberta and for the agricultural industry. This is real money, this is real investment and this is real progress being made, and that's what the people of this province understand." ■

## folio

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UNIVERSITY OF  
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## University prepares to launch Campaign 2008

**New fundraising effort will make history**

By Richard Cairney

The University of Alberta is celebrating a \$10-million gift from Imperial Oil this week, but there are more funding announcements coming its way as the university kicks off its second major fundraising campaign Nov. 2.

Called *Campaign 2008: Celebrate One Century, Build the Next*, the campaign is the second in the U of A's history – the first was launched in 1995 when Dr. Rod Fraser was named president. That effort raised an impressive \$194 million – \$49 million above its goal. The upcoming campaign will be significantly in excess of that figure, said Susan Green, the university's Vice-President (External Relations).

"This will be the largest campaign in the province and, in fact, it will be the second-largest university campaign in Canada to date," said Green.

The amount of funds raised to date, including the \$10-million Imperial Oil donation, will be unveiled at the Nov. 2 campaign launch, showing "impressive donor support so far," she added.

Green said that, while large donations are important, every contribution makes a difference. University faculty, staff, Board of Governors, Alumni Council and Senate have donated \$5.7 million themselves, Green said, noting that internal participation builds momentum.

"This campus community is willing to make personal contributions to support the U of A," said Green. "I can't tell you how important that is when we go to external donors and say the level of support we have internally is as strong as it is – that makes a difference to many donors – it

inspires confidence."

Green added that almost 40,000 donors have supported this campaign to date with gifts from \$5 to \$10 million.

"We really need donors at all levels and we appreciate donors at all levels. Each donation has a positive impact on quality of student life, teaching and research."

For students, the campaign will result in greater access to scholarships and bursaries, an improved quality of student life on campus, and an enhanced learning environment that continues to provide internationally renowned teachers and professors in state-of-the-art facilities, Green said.

The theme of the campaign, '*Celebrate One Century, Build the Next*', is ideally suited to where we are at this stage in our evolution," she added. "The university will celebrate its one-hundredth anniversary in 2008 and this gives us an opportunity to not only look back at all the success we have seen from former students, professors and researchers and how that has impacted our world, it also gives us a chance to look forward, to the exciting advances we know are on the horizon at the University of Alberta."

The campaign has three areas of focus, the first of which is 'Outstanding Students, Outstanding Potential'. "That is really talking about scholarships and bursaries and creating a more vibrant and diverse learning environment," she said.

The second theme, 'Outstanding Teaching, Outstanding Research' represents an opportunity for people to participate in the campaign in support of the university's teaching and research missions

and to build partnerships with those goals in mind; the third, 'Outstanding Vision, Outstanding Growth', is emblematic of infrastructure development which is underway, and new developments in the planning stages.

The campaign is being co-chaired by Tim Hearn, chair, president and CEO of Imperial Oil Limited, Jim Stanford, a partner in Stanford Resource Management Inc. and former CEO of Petro-Canada; Nazir Somji, president and CEO of Matricon Inc.; Bob MacLean, a corporate partner with VectorWest Capital Corp.; and CN Rail chair David McLean. Thirty-five honorary patrons have been named to the campaign as well.

"We have selected individuals who are recognized provincially and nationally as business and community leaders who are role models of personal and corporate philanthropy and who are some of our best supporters at the U of A."

The campaign will be officially launched Nov. 2. For full coverage go online to [www.ualberta.ca/ExpressNews](http://www.ualberta.ca/ExpressNews). ■

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# Making education an election issue

**Alberta's post-secondary students lead the charge to secure more basic funding**

By Richard Cairney

In mid-October the provincial election was something most people only speculated would be called. But the University of Alberta Students' Union executive staged a press conference to announce it was launching a province-wide campaign to make university funding an election issue.

"By getting our campaign started before the provincial election is called, we expect that higher education will not only be on voters' minds, but also in candidates' platforms," SU President Jordan Blatz said at the time. "The campaign will be an ever-present reminder of the vast importance of a well-funded post-secondary education system to people throughout the province."

"The hope is that when people cast their ballots on election day, they think about post-secondary education. We want the government to see the necessity of investing in post-secondary education. We think it is the best investment this province can make and the objective is to ensure Alberta remains prosperous."

— Alex Pepin

The SU campaign involves a whopping 5,000 lawn signs expressing appreciation for Alberta's universities. Depicted in the same visual shorthand recently borrowed to support the province's ailing cattle industry, the signs are intended to compete for space with candidates' elections signs and, in turn, compete for attention as one of the election's biggest issues.

The SU is also distributing lapel buttons and T-shirts, as well as placing ads on Edmonton, St. Albert and Strathcona County buses.

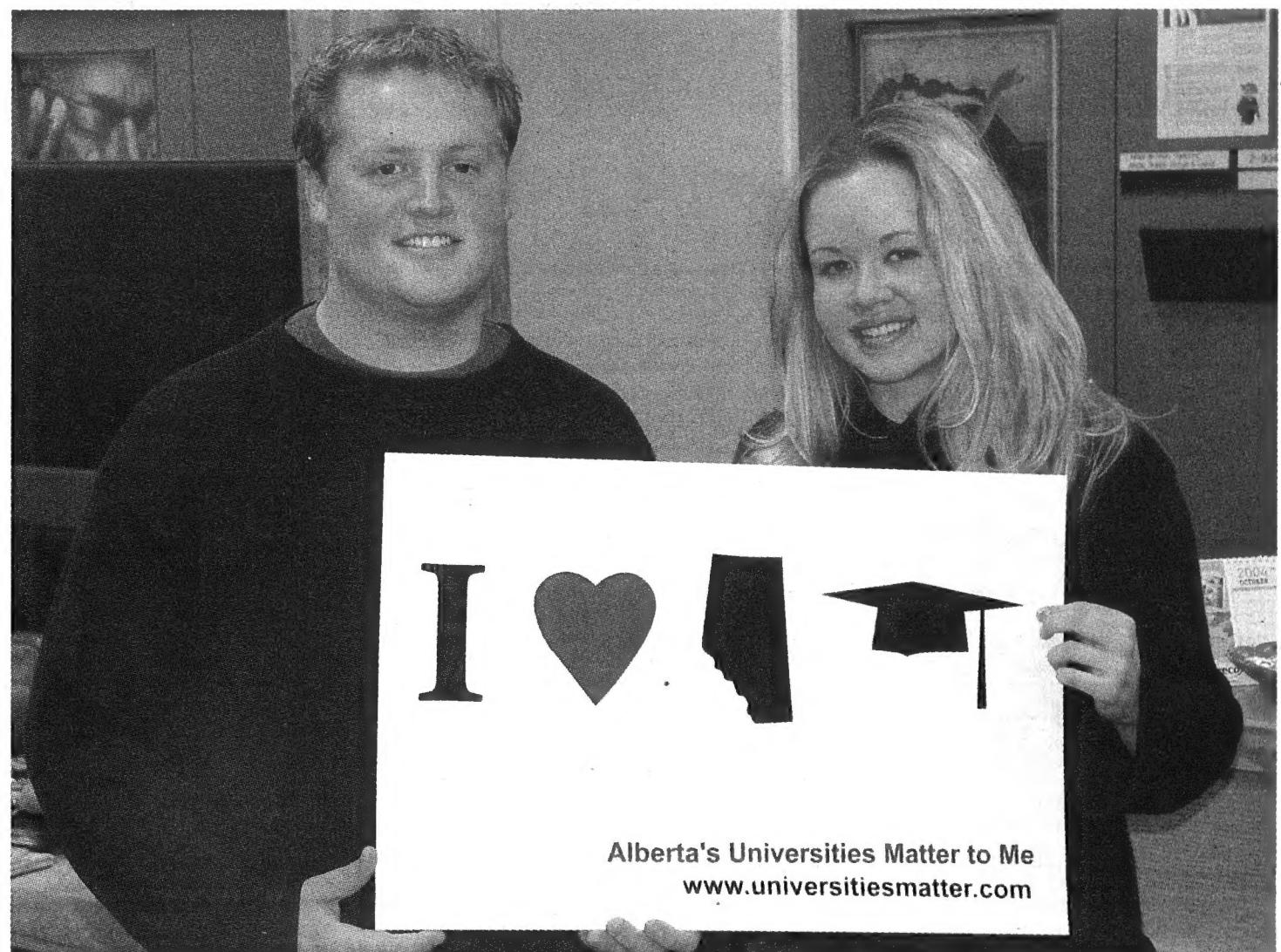
A lawn sign, Blatz says, is one way a person can start conversations with neighbours about university funding. "And as candidates show up, as they go knocking door-to-door, they'll see these symbols and know that post-secondary education is an election issue," said Blatz. "We feel it is more likely that they will be getting questions about post-secondary education from people who have seen the signs."

Blatz says that, while the province has proudly announced its debt-free status, provincial institutions themselves are suffering financial hardships as a result of the province's debt-elimination strategy.

"The post-secondary education institutions of the province, the U of A among them, are faced with revenue gaps in their operating budgets and insanely high deferred maintenance of buildings," said Blatz. "And the students' perspective is that they have higher debt loads than ever before – the average is about \$20,000 and that doesn't include things like private lines of credit or credit cards, that's only government student debt. So if debt is so unacceptable to the province, why is it acceptable for our institutions?"

The SU is involved in a two-pronged effort. Besides the work with lawn signs, T-shirts, buttons and transit ads, it has also joined a provincial coalition of college and university students and faculty which is also working to raise the profile of funding for post-secondary institutions.

The coalition includes the all the provin-



U of A Graduate Students' Association President Alexis Pepin and Students' Union President Jordan Blatz are working to make funding for post-secondary institutions an election campaign.

cial college and university student unions and associations as well as associations representing professors and instructors.

Alexis Pepin, president of the U of A Graduate Students' Association, says the coalition, which represents more than 200,000 post-secondary students, faculty and staff, will also launch a \$40,000 campaign to help spread the message across Alberta.

"The hope is that when people cast their ballots on election day, they think about post-secondary education," she said. "We want the government to see the necessity of investing in post-secondary education. We think it is the best investment this province can make and the objective is to ensure Alberta remains prosperous."

The coalition campaign will include ads on television as well as in newspapers and radio reminding Albertans of the importance of investing in higher education.

Both Pepin and Blatz say the provincial lobbying effort being run during the election is an offshoot of a province-wide awareness campaign run by the universities of Lethbridge and Calgary, and the U of A, in September. The universities are not directly involved in the election lobbying effort.

But the three joined forces September, taking advantage of an invitation to Albertans from the provincial government, asking them where the province should invest its money now that it is debt-free. The province sent out a questionnaire to all Albertans asking them to help establish spending priorities for the future.

The three universities placed ads in newspapers and on radio stations inviting Albertans to respond to the *It's Your Future* survey, keeping in mind the role higher education plays in a civil and fruitful society. Albertans agreed that universities are

"Our goal is if students put the message to the public and are able to encourage the government to put more funding into the (university) operating budget, we can point to that and say to the university, 'we worked together, we had the same message and now that we have achieved our goal, let's talk about why you shouldn't raise our tuition.'

— Jordan Blatz

important.

When results of the survey were released recently, it showed that Albertans cited health care and education as their two top priorities. Pepin notes that, while the survey questions didn't distinguish different levels of education, comments written in by respondents made it clear that they want the government to re-invest in post-secondary education.

"When the statement is made that we now live in a debt-free province, this presents us with a key opportunity to provide more money, to make a really prudent investment," Pepin said.

U of A Provost and Vice-President (Academic) Dr. Carl Amrhein says the survey results are meaningful. Shortly after he arrived at the U of A, Amrhein said, provincial government ministers told him they understood the need for reinvestment in post-secondary education, but needed to hear that from Albertans.

"My view is that the survey results support this," he said, adding that he is "getting ready to approach new ministers as soon as they are appointed."

Blatz readily admits the SU's message is something of a departure – in most years such efforts focused exclusively on rising tuition fees, student loans and student debt. This time, the SU is looking at the bigger picture, with hopes to solve the problems that have been plaguing students for years.

"At the root of both student debt and the tuition crisis is a core chronic lack of funding in the university's operating budget," said Blatz, who observes that tuition at the U of A has more than doubled since 1991-92. And over the same period of time, provincial grants have increased somewhat, but at nowhere near the same rate enrolment has risen. That has resulted in per-student funding dropping to just over \$2 per student from \$10 per student during the early 1990s, Blatz explained.

"That is a huge issue for the university, and what the university has done in order to continue to operate and maintain the quality of education is drastically increase our tuition," he said. "Our goal is if students put the message to the public and are able to encourage the government to put more funding into the (university) operating budget, we can point to that and say to the university, 'we worked together, we had the same message and now that we have achieved our goal, let's talk about why you shouldn't raise our tuition.'

"But without that reinvestment in the operating budget, it will be near impossible for students to convince the university not to raise tuition."

The university funding lawn signs are available at the Students' Union office, the Graduate Students' Association office, the AAS:UA and NASA offices. For more information about the campaign go to [www.universitiesmatter.com](http://www.universitiesmatter.com). ■

# Armstrong earns Prix Galien

**Renowned cardiologist recognized for pioneering work**

By Michael Robb

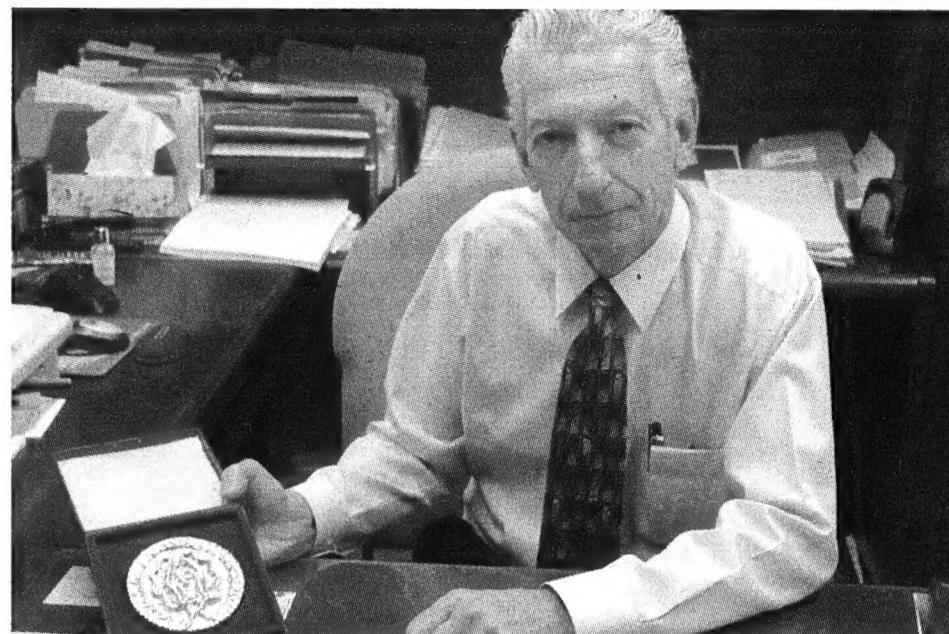
Dr. Paul Armstrong, a professor of medicine at the University of Alberta and senior cardiologist at the University Hospital has been awarded the Prix Galien Canada award of excellence for his outstanding contributions to Canadian pharmaceutical research.

The annual prize was first awarded in France and later introduced in other countries such as the United Kingdom, Germany and Canada. Armstrong received the award earlier this month at a ceremony in Montreal.

"I was pleased that some friends and my wife were present to share the occasion," Armstrong said. "It's always more meaningful when that happens."

Armstrong, one of Canada's foremost cardiology researchers, is known around the world for his pioneering trials of new drugs to treat heart attacks and developing the latest standards and guidelines for the care of heart attack patients and people who suffer from congestive heart failure.

Much of his work has been carried out as director of the Canadian node of the Virtual Coordinating Centre for Global Collaborative Cardiovascular Research (VIGOUR) Centre,



Dr. Paul Armstrong with the Prix Galien.

an international consortium of cardiovascular researchers and clinicians who have been in the forefront in diagnosing, treating and establishing new standards of care that are currently applied for treating patients who

suffer with heart disease.

Armstrong is also an outstanding teacher. Recently, he pioneered an innovative Canadian Institutes of Health Research strategic research training program in

cardiovascular diseases at the universities of Alberta and Calgary to train the next generation of cardiovascular researchers. He is an integral player in Edmonton's cardiovascular research community, upon which the Alberta Heart Institute, expected to open in 2005/06, is being constructed.

"It's pretty gratifying to be recognized, but also a time to reflect that these awards represent not only a sustained amount of work over time, but also the importance of collaboration," Armstrong said. "I've been privileged to work in three universities and am in my fourth career, so I think this is an opportunity to acknowledge the people – the colleagues, the support staff, the nurses and technologists, but also one has to reflect on the thousands of patients I've cared for with heart disease over the years and how many of them have been willing volunteers as relates to teaching and research. They're the heroes of it."

This is not the first time a U of A professor has received the Prix Galien. In 1998, former dean Dr. Lorne Tyrrell shared the Prix Galien with Dr. Morris Robins, for their work on developing an effective anti-viral compound for Hepatitis B. ■

## folio letters to the editor

### Will field research become obsolete at the University of Alberta?

**Editor, Folio:**

We are field researchers. When many of us began our careers here our professional lives were relatively simple. We applied for grants, recruited graduate students and undergrad assistants, got the few required research permits, rented a truck from Vehicle Pool and headed to the bush. There we trained our students in field techniques (including safety), just like our supervisors had trained us. Now the process is quite different. Over the past five years the bureaucratic quagmire that we have to wade through to get to the field has become steadily more formidable. A quick review of these new requirements/rules/regulations prompts us to ask where these requirements are taking us and why.

In order to drive a university vehicle, new staff, grad students and summer assistants must submit a driver's abstract, fill out a two-page form about their driving history, take a one-day defensive driving course and pass a mandatory one-hour road test (note: we all have valid driver's licenses). By 2007 this will include all permanent drivers on campus, even those with a clean driving record. We pay to take both the course and the road test. The test is not held in field trucks under field conditions. Recently Vehicle Pool retroactively imposed a \$2 per day "safety" surcharge on vehicle rentals, which was removed from our grants without our permission. A surcharge will also be applied to vehicles purchased on our grants. All of this has been imposed because of a reputed increase in accidents in vehicle pool vehicles. This increase has not been shown to be real in relation to either numbers of drivers or distances driven. We question whether the measures imposed will actually have the desired effect of reducing accidents in the field.

A volunteer, colleague or community research partner who wishes to participate in our research must fill out a series of forms to be allowed to assist us or ride in university vehicles. If they need to drive, they must go through all the above steps (abstract, course, test), which is costly and a waste of time if they are only going to help out for a short time. This effectively precludes their participation.

- Family members under the age of 18 are not allowed to ride in university vehicles. This means that professors or staff who are juggling research and family commitments must use their own vehicles for research purposes.

- All students and staff working with animals must obtain Animal Care Certification before research funds will be released. We have to justify to a veterinarian, who does not work in the field with wild animals, why we use field techniques that are standard for our discipline. We also have to take a two-day animal ethics and handling course that costs \$100 per person. The first day of this course is not geared towards field studies and contains material that is irrelevant to most field biologists, such as humane housing and treatment of lab animals. Incoming graduate students on scholarships cannot receive their first paycheque until their proposal has approval in principle granted by this committee.

- A number of training courses are now required in some departments prior to going in the field with students. These include first aid, CPR, quad training, fire safety, chain saw training, bear safety, field camp safety etc. While many of these courses are valuable, we question whether some of them are equivalent to training provided by experienced people (i.e. us) who have spent years working under the very field conditions that the students will be exposed to.

- We now have to identify all safety risks in the field, create protocols to deal with them, have them vetted by university safety staff, and then go over these protocols in detail with all new staff. While this is sensible in some cases (for instance, how to avoid West Nile Virus, or how to act in a bear encounter), it seems ridiculous to formally discuss such minutiae as the importance of not slipping on a wet log or how to avoid sunburn by wearing a hat.

- Our graduate students now have to complete eight hours of research ethics training before they can be granted degrees. Although some hours of training are available on the Web, in order to make this relevant for our students, we will

have to design some aspects of this formal training, another drain on our time.

What has developed is "cosmetic management": a problem or potential problem is identified and a "solution" is imposed that appears to address the problem. To us, it seems that these rules and regulations are instituted so that the university can demonstrate that steps were in place, thus avoiding liability should an accident occur. Whether an actual problem exists or whether the solution actually works appears to be irrelevant. In addition, much of the responsibility and/or expense of meeting the prescribed solutions has been downloaded to departments, professors and students. In several cases, initiatives have been introduced shortly before the field season, leaving us scrambling to cover them.

There are better solutions than one-size-fits-all regulations driven by paranoia over possible litigation. Most researchers behave ethically and operate in a safe manner. Yes, there may be a few bad apples in the bunch, but these people can be singled out for attention instead of imposing a morass of bureaucracy and expense on all of us. Training in many areas is desirable, but before new centralized structures replace mentoring in the field, these structures should be tailored to our needs and their additional costs should be borne by the university. From our perspective, passing on the costs of new field and vehicle safety programs are inconsistent with the university's approach to handling other research liabilities, and it discriminates against field-based research programs.

There are a number of costs to these burgeoning regulations. The cumulative effect is to tie up large amounts of time, increase our costs and increase our level of frustration. They inhibit our ability to capitalize on unexpected results and adjust research directions quickly. They prevent us from inviting unexpected volunteers to assist us, conscripting family members to help with heavy workloads, or encouraging budding young researchers to spend a day in the field with us. They will inevitably compromise our science by making it prohibitive to conduct field research. The upper administration wants this university to be recognized as "indisputably" excellent. Well, let

us get on with it then. Tying us up in endless red tape does not foster excellence, nor efficiency in research output.

#### CO-SIGNED (ALPHABETICAL ORDER)

##### Biological Sciences:

Erin Bayne, Assistant Professor  
Suzanne Bayley, Professor  
Stan Boutin, Professor, NSERC Chair in Integrated Landscape Management

Mark Boyce, Professor, Alberta Conservation Association Chair

JC Cahill, Associate Professor  
Michael W. Caldwell, Associate Professor  
Colleen Cassady St. Clair, Associate Professor

Randy Currah, Professor  
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Kevin Devito, Associate Professor  
Susan Hannon, Professor, Director Meanook Biological Research Station

David Hik, Associate Professor, CRC in Northern Ecology

Mark Lewis, CRC in Mathematical Biology

Evie Merrill, Associate Professor

Jan Murie, Professor Emeritus

Heather Proctor, Associate Professor

Jens Roland, Professor

Bill Samuel, Professor Emeritus

David Schindler, Killam Professor, Order of Canada

Ian Stirling, Adjunct Professor, Order of Canada

Vince St. Louis, Associate Professor

Rolf Vinebrooke, Associate Professor

**Agriculture, Food and Nutrition Sciences:**

Edward Bork, Associate Professor

**Renewable Resources:**

James Beck, Professor

Scott Chang, Assistant Professor

Bruce Dancik, Professor, Director Devonian Botanic Garden

Lee Foote, Associate Professor

Bob Hudson, Professor

Simon Landhäuser, Research Assistant Professor

Victor Lieffers, Professor, NSERC-Industry Chair in Silviculture

Ellen MacDonald, Professor

Fiona Schmiegelow, Associate Professor

John Spence, Professor and Chair

Paul M. Woodard, Professor

Janusz Zwiazek, Professor and Associate Chair (Research)

**Earth and Atmospheric Sciences:**

Michael Caldwell, Associate Professor

Brian Chatterton, Professor

Duane Froese, Assistant Professor

Sarah Gleeson, Assistant Professor

Brian Jones, Chair and Professor, C.R. Stelck Chair in Petroleum Geology

Peter Kershaw, Professor

Kurt Konhauser, CRC in Geomicrobiology

Hans Machel, Professor

Benoit Rivard, Professor

Benjamin Jay Rostron, Associate Professor

Nat Rutter, Professor Emeritus, Order of Canada

Martin Sharp, Professor, Chair Elect

Thomas Stach, Professor, CRC in Diamonds

John W.F. Waldron, Professor, Associate Chair (Undergraduate)

Alexander P. Wolfe, Associate Professor

**Anthropology:**

Raymond Le Blanc, Associate Professor, Associate Chair

Andrzej Weber, Associate Professor

## As it happened...

*How an academic from America came to admire a Canadian poet*

By Richard Cairney

In the summer of 1987, Dr. Kim Solez found himself with a new job, at a new university, in a new country. A native of Washington, D.C., Solez had just left a faculty position he'd held for 15 years at Johns Hopkins University in Baltimore, MD, to teach at the University of Alberta.

With his new office set up, Solez took his family on a road trip to see more of their new country. Cruising through the Rockies and into the sweltering B.C. interior, things were going smoothly. But Solez felt a little uneasy.

"Here I was, a U.S. citizen, facing all these new challenges in this wonderful new country, and I needed some sort of existential help. I didn't need ordinary help – I got plenty of help with practical things like moving my family up here and setting up my office – it was things beyond the ordinary I needed help with," he said.

Then, as if on cue, a CBC radio *As It Happens* program broadcast an interview with poet and musician Leonard Cohen, and Solez's existential needs were met.

"They aired a combination of interviews with him, people speaking about him, and his music, and he was expounding on life and the ironies of life. I just felt this was going to be of benefit, this philosophy and way of thinking I was getting from this artist," Solez said.

Today, Solez is known locally and internationally not only for his pioneering scientific achievements, but also for establishing Leonard Cohen Night, an annual event held to celebrate Cohen's birthday and his works. Each September for the past three years, Solez has staged the event.

The idea for Leonard Cohen Night came to Solez while he was at a meeting in Scotland to organize an international conference. There, his Scots colleagues couldn't get off the topic of what they had planned for Robbie Burns Day – an international event honouring the famous Scots poet.

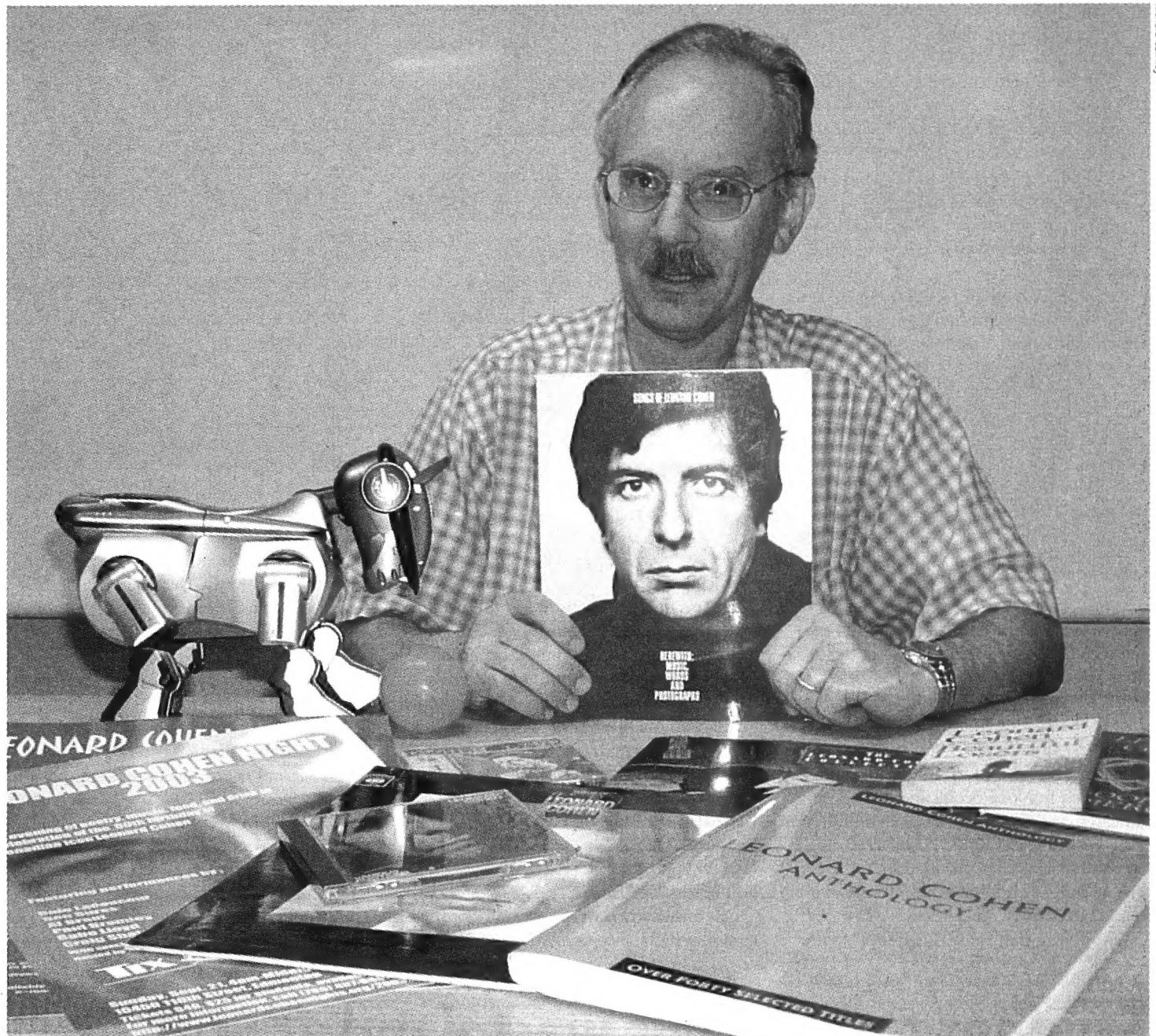
"I began to think, 'Why is Robbie Burns the only artist honoured in this way?' People go to these gatherings, including people who don't know anything about Robbie Burns, and have a really good time. Why couldn't we do it for Leonard Cohen?"

In fact, other such events do take place. Prior to staging his first event, Solez attended a Cohen event in Greece (Cohen is of Greek ancestry), met with that event's organizers and entertainers, and then launched the first Leonard Cohen Night in Edmonton. The evening was filled with song, poetry and many Red Needles, a tequila and cranberry concoction Cohen favours.

The annual celebration has changed formats until this year's Sept. 18 event which, Solez says, set a new standard. "The musicians were terrific, the artists were outstanding, and we made history with photos of Leonard Cohen."

This year's party featured a preview listening of Cohen's new album, *Dear Heather*, which was released Oct. 26. And it also boasted the first-ever public showing of a photograph of Cohen, in Edmonton, with the two young women immortalized in his poem, *The Sisters of Mercy*. Through his interest in Cohen, Solez met a local man who photographed the poet with the women in Edmonton around 1966. At the time, Cohen invited the photographer to join him and the two women in his Hotel MacDonald room for a "party."

"There would have been two men and two women," Solez observes. "But the



Dr. Kim Solez has found existential relief in the works of Leonard Cohen.

photographer, who was married, said, 'I'm sorry, I've got to go.' Later that evening, as the two young women slept, Cohen penned one of his most famous poems. 'If the photographer had stayed, Leonard might not have had the solitude to write,' Solez said.

The identity of the two women has never been discovered. Cohen has shared different stories about them: that they were backpacking across Canada, that they were introducing the mini skirt to Canada, and in different versions of his story he claimed to have met them in the hotel lobby or outside on the street.

Solez has recently discovered the two women were U of A undergrads who had crashed a faculty-only party held for Cohen on campus. Trying to avoid detection, Cohen took a room at the Alberta Hotel and spent the night there with the women.

The photos will be made public in 2006 with the release of a new book about Cohen. Then at last the women, or their families, may step forward to tell more of the story.

"I've often wondered if they knew who they were being photographed with, or why they have never come forward," said Solez.

It's that kind of inquisitive thinking, and his way of acting on ideas, that has made Solez an international name in nephrology and transplant organ biology. He has been interviewed on the U.S. news program *60 Minutes*, examining the mass

"I began to think, 'Why is Robbie Burns the only artist honoured in this way?'

People go to these gatherings, including people who don't know anything about Robbie Burns, and have a really good time. Why couldn't we do it for Leonard Cohen?"

— Dr. Kim Solez

poisoning of children in Haiti in 1996. But he is best known for writing the book on 'reading' the condition of transplanted organs in organ recipients.

It's important to monitor and understand the condition of a newly transplanted organ so changes can be dealt with appropriately. A patient may be rejecting an organ, the organ may have suffered cellular damage during the harvesting procedure, or it may have been damaged because of the length of time it went without oxygen. But for the longest time, the evidence for each possibility wasn't recorded accurately.

"It becomes very important to figure out the cause of temporary failure of these organs to know how to treat them," Solez said. "I found, around 1990, that all the

textbooks were wrong – it was really amazing. And almost everybody was self-taught from the books. There were tremendous amounts of misinformation about the reading of transplant biopsies, and that became a very important focus of what I was doing."

In 1991, with Dr. Loraine Rackason, a colleague from Johns Hopkins, Solez hosted an international conference that established global standards on transplant organ biopsy readings.

Which brings us, in a roundabout way, back to the Solez family cruising through the B.C. interior with Leonard Cohen delivering existential assistance over the airwaves. In listening to the interviews, Solez felt he'd have more academic freedom in his new position – the ability to pursue some vague but interesting idea that popped into his head on the way into work.

"I have had lots of arguments with my U.S. colleagues about what would have happened if I had stayed in the U.S. It is possible I would have accomplished nothing very important. Most of the things I'm known for in my professional life are unusual things that took courage and freedom to start, which I argue wouldn't have happened there."

"In the U.S. . . . every moment of your life, you're having to ask, 'What does the institution want me to do? Is this part of the plan?' And the idea that you would start something that might become part of the plan later, is just not on." ■

# Obesity rates represent "epidemic"

Conference draws participants nationally to probe for solutions

By Richard Cairney

Canada is facing a public health epidemic and needs to take action now to reverse rapidly increasing obesity rates, a University of Alberta researcher says.

Speaking to nearly 200 people from across the country who came to the U of A to attend a, Oct. 21 conference called Confronting Obesity: Research Policy and Practice, Dr. Kim Raine revealed disturbing statistics on obesity, its causes and its social and economic impacts.

"We have seen a huge change in obesity rates in the last 20 years," said Raine, director of the U of A's Centre for Health Promotion Studies. In 1985, no more than 10 per cent of the population of any Canadian province was obese. Today, "every single province is over 10 per cent and in most cases over 15 per cent," she said.

And when you add similar escalations in the number of children who are overweight and obese, the scale of the problem becomes apparent.

"The problem is very obvious," she said. "This is a public health epidemic."

And the implications of steadily increasing obesity rates are costing Canadians their health and millions of dollars, said Raine. Diabetes is the most direct connection to weight problems. The incidence of the disease "takes off dramatically" in people who are overweight or obese. In fact, studies in the U.S. have shown that nutrition-related illnesses are the second most common cause of death, after smoking.

Economically, Raine pointed out, the cost of chronic illnesses caused by obesity has been estimated to cost Canada's health care system \$1.8 billion annually. A study conducted in Nova Scotia showed those illnesses cost that province \$128 million per year – but the associated costs, in absenteeism and lost worker production, for example, add an extra \$140 million to the overall impact of obesity, she added.

Applying that same calculation to the



Dr. Kim Raine heads the U of A's Centre for Health Promotion Studies and is one of seven co-investigators in the five-year, \$1.4-million the Promotion of Optimal Weights through Ecological Research (POWER) project.

entire country, Raine said, obesity's economic impact in Canada costs a staggering \$4 billion per year – and it's getting worse.

Raine is one of seven U of A co-investigators combining their expertise to examine issues surrounding obesity, from its causes to prevention, through the Promotion of Optimal Weights through Ecological Research (POWER) project. The five-year research initiative has been awarded a \$1.4-million grant from the Canadian Institutes of Health Research's Institute of Nutrition, Metabolism and Diabetes and the Heart and Stroke Foundation of Canada.

Raine also reviewed research findings showing that, since the early 1990s, food

availability in Canada has risen by about 500 calories per day. That means more restaurants and food stores have been opened, and all are competing for consumer dollars. In fact, 30 per cent of the money Canadians spend on food eaten away from home is spent at fast-food outlets.

"What are you going to do when there is more food available? You're going to market it and try to get it out, perhaps at lower prices."

Raine told the audience of researchers, clinicians and policymakers the POWER project is examining all angles of the obesity issue, including prevention programs and public policy changes that can help lead to healthier living. She suggested that

efforts to reverse trends in obesity could learn from other public health movements, such as the battle against smoking.

During a question-and-answer session following her keynote address, a conference participant expressed frustration at the lack of healthy options available to Canadians, particularly given our potential to live healthy lives.

But Raine said there are encouraging signs that action is being taken, including the fact that more than twice as many people registered for the conference as its organizers anticipated.

"Let's not think of this as helpless," she told the crowd. "There is a lot of potential." ■

## Student group finds wasteland at SUB

ECOS hopes to raise awareness of green alternatives

By Scott Lingley

A group of student volunteers wallowed in trash on the SUB Stage over lunch a couple of weeks ago to get the campus community to pay attention to how much garbage is created each day. And, according to the director of a campus environmental awareness group, the University of Alberta has a ways to go to reduce unnecessary waste.

The Environmental Co-ordinating Office of Students (ECOS) conducted a waste audit involving three areas of the Students' Union Building on Oct. 12. Ten volunteers collected a total of 26 kg (57 lbs.) of garbage from the Alumni Room, the food court and the SUB Stage area between 7 and 11:30 a.m., then sorted it on the SUB Stage before a lunch-hour crowd to see what SUB patrons were throwing away.

"Our volunteers were very energetic and they loved that they were doing it, even though it was completely gross," said Alison Lennie, director of ECOS. "And some of them were totally horrified by some of the stuff they found in the garbage – a bite taken out of an apple and thrown out; some people had thrown their entire lunches out; we even found Tupperware in the garbage, which is kind of sad."

Lennie said the volunteers paid special attention to how much styrofoam packaging was discarded. They counted 169 styrofoam cups and 94 styrofoam take-out packages, for a total of 3.5 kg of styrofoam headed for the landfill. They also found 8 kg of compostable material, as well as 5 kg



pus is good."

She added that the waste audit was intended to get people thinking about alternatives to throwing everything in the garbage.

"We're trying to promote alternatives for recycling on campus that maybe aren't all that visible. We found four batteries in the garbage, and so we're trying to promote, instead of throwing batteries out because of all the heavy metals in them, ECOS collects batteries and we'll take them to the Eco-station. Or inkjet cartridges -- you can take them to the U of A Bookstore or the Food Bank instead of throwing them in the garbage. We're promoting that people bring their own coffee mugs and take care of some of their own consumption problems, but really it's trying to create a dialogue around waste issues on campus."

Lennie said upcoming ECOS events include a campus celebration of International Buy Nothing Day on Nov. 27 and the Have a Green Christmas campaign, intended to encourage environmentally friendly gift-giving to minimize post-consumer waste during the Yuletide season. Since students are preoccupied with educational matters, Lennie said it's important to try to figure out what matters to them.

"Interest isn't a hundred per cent on campus, but there are lots of people concerned about specific issues. We try and reach a broader audience through the different things we do on campus. It's just a matter of finding the angles, I think." ■

of plastic, a kilogram of recyclable paper and a kilogram of metal and glass. Lennie noted that all this material accumulated before SUB's lunch rush, and that the waste count didn't include containers taken out of SUB and disposed of elsewhere.

"It's kind of weird to see that many containers during that time period," Lennie said. "One of the janitorial staff said that if we wanted to do a crazy audit we should come between 12 and 5 p.m., because there's so much garbage she can't even lift it."

Lennie said that the sight of volunteers slogging through garbage in masks and gloves didn't excite widespread curiosity, but enough to make the effort seem worthwhile.

"The people who were studying, we made announcements a couple of times and they would all stop and look at us like we were completely crazy. But a few people stopped and read our material or asked us questions. Every little step we can make toward creating awareness on cam-

# CFI funds new research initiatives

Awards help new faculty members establish research projects

By Scott Lingley

Four University of Alberta researchers, all of whom are relatively new faculty members, have been named as recipients of the Canada Foundation for Innovation's New Opportunities Fund to assist with infrastructure and operating costs for their research projects.

The four U of A recipients, who will receive a total of \$425,962 in funding, are Dr. Maya Evenden, a professor in biological sciences; Dr. Tsuyoshi Ono, a professor of East Asian Studies; and chemistry professors Dr. Todd Lowary and Dr. Alexander Brown.

Evenden, whose research centres on insect chemical ecology, says the \$65,443 she'll receive from the CFI will help her equip her lab with video equipment and software that will speed up the research she's doing on how pheromones – information-bearing chemicals used for communication within a species – influence insect behaviour.

"Currently we use a wind tunnel, where you place a pheromone or chemical source at the upwind end, then you look at the response of the insect placed at the downwind end of the tunnel. Currently how we do that is we stand and we watch them and observe the different behaviours that they conduct," Evenden said. "But using the video system, it gives us the capability of automatically tracking the insects and doing more detailed analysis, and that will speed up the process of conducting these experiments."

Also on her shopping list are a suite of growth chambers for experimental specimens and an electrophysiology system that will allow her to monitor how the antennae of male insects respond to various chemical stimuli. Evenden says the combined information derived from these experiments may help with the development of strategies to reduce the presence and impact of insect pests common to Alberta and other parts of Canada.

"We're trying to figure out how chemicals mediate insect behaviour within the species level and between species. And then hopefully once we have a good understanding of that, we can then apply the findings, either using pheromone-based monitoring to determine where populations will occur, or there are other pheromone-based control tactics that can be used instead of any insecticidal approach."



Dr. Maya Evenden will use new CFI funding to help test the effects of pheromones on insects, with an eye towards pest control

Evenden began working at the U of A in July of 2003 after receiving her PhD from Simon Fraser University, doing post-doctoral work at the University of Kentucky and teaching at Westchester University in Pennsylvania.

"The U of A has the largest concentration of entomologists at any university in Canada, so when I saw the job posting I jumped at it for that reason," she said.

Ono will receive \$91,173 from the CFI to help establish a Centre for the Study of Oral Discourse. He said that he's grateful and more than a little surprised that the CFI provided funding for his project.

"I was told that humanities can't get this (funding), so I basically gave up on it, then they gave me the money, so I'm very excited and thankful," he said.

Ono plans to buy video and audio recording equipment to record "everyday conversations" for study. He added that

some of the funding will go toward establishing an online archive so other researchers around the world can access the samples of oral discourse for study.

Originally from Japan, Ono taught at the University of Arizona in Tucson, but moved to the U of A last year to work alongside colleagues in the East Asian studies and linguistics departments, with complementary research interests. The move will also facilitate his investigation of conversational language patterns among people of Japanese heritage living in Alberta and British Columbia.

"They've been basically isolated from Japanese people in Japan, so they've sort of developed a language of their own. I'm very interested in what kind of language they're speaking and how they use English, whether they're mixing English and Japanese and other languages as well," Ono added.

Dr. Eliot Phillipson, president and CEO of the CFI, explained the purpose of the New Opportunities Fund in announcing the awards Oct. 21.

"The capacity of a country to innovate rests largely on the availability of highly qualified people. Since research is the foundation of innovation, it is critical that Canadian institutions are successful in attracting and retaining the very best talent," said Phillipson. "The New Opportunities Fund continues to play a crucial role in helping institutions to develop and enhance their research and training capacity, as well as their ability to transfer knowledge."

Since its creation in 1997, the CFI has invested more than \$262 million through its New Opportunities Fund and provided 2,497 newly appointed faculty members with state-of-the-art equipment. ■

## New research centre will tackle mad cow disease

Interdisciplinary effort to address everything from BSE to Alzheimer's

By Richard Cairney

Sixteen University of Alberta researchers with a combined total of \$41 million in current research funds have banded together to form a research centre investigating diseases such as Alzheimer's and Mad Cow Disease.

The researchers have formed the Alberta Centre for Prions and Protein Folding Diseases. Prions are related to misfolding of proteins, an event which is related to Bovine Spongiform Encephalopathy (BSE), Alzheimer's Disease, Parkinson's Syndrome and Chronic Wasting Disease.

BSE has been an especially high priority research issue in Canada since an Alberta cow was discovered to have contracted the disease 1 1/2 years ago. With the U.S. border closed to cattle exports, the cattle industry in Alberta and across Canada has suffered billions of dollars in financial losses.

Dr. Andy Greenshaw, associate vice-president (research) says work conducted at the new centre will help solve mysteries of the disease, tackling it from a wide variety

of disciplines. He has attended meetings to discuss BSE and efforts to solve the cattle industry's problems, and says the new U of A centre is essential in making ground on the disease.

"At all of these meetings someone stands up – from the Cattlemen's Association or from one of the companies running a feedlot – and says 'look: this is really hurting Albertans. We don't care who solves it and we don't care how they solve it, we just want someone to solve this for us!'" Greenshaw said. "And this centre is the first cohesive group of researchers who have stood up and said they are going to tackle this."

The centre's researchers, which include seven Canada Research Chairs, come from diverse backgrounds and fruitful collaborations may spring from places few would have imagined. Greenshaw said the researchers cover everything from basic research, "right out to environmental risk management for detection and eradication of prions in the

environment and wastewater management . . . some of them are already working on prions and protein folding, and what they will do is expand and integrate their research activities. They will build new collaborations and look for ways to tackle this problem."

Dr. Stephen Moore, of the Department of Agricultural, Food and Nutritional Science, is researching the genetics of BSE, hoping to discover why some animals contract the disease and why some don't. He's excited about the interdisciplinary nature of the group.

"One of the big issues here is waste management – what do we do with the parts of animals you can't use – what do you do with a couple of million cow brains and spines every year? We have engineers and people in waste management research who are working on that."

Dr. Linda Pilarski, an oncologist, has been working with electrical engineering professor and researcher Dr. Chris Backhouse on a hand-held device that

could detect cancer and analyse it, to help determine the best course of treatment, quickly and inexpensively. Pilarski, one of the new centre's researchers, feels interdisciplinary work is the only way to go in solving prion and protein-folding problems.

"I think this is just critical," she said. "For such complex diseases the ability of people to view this in different ways is so important. This centre will bring people together in what I expect will be a very productive way."

Pilarski hopes her research could lead to live tests for BSE – something that is presently unavailable. "I think the prions are in the blood, and they could be detected," she said.

Dr. Richard Rachubinski of the Department of Cell Biology, has been named director of the centre. "The researchers are very enthusiastic about this," said Greenshaw, who said the centre will draw more research funding and expertise. ■

# Killam scholars putting awards to work

**More than \$700,000 distributed at ceremony**

By Richard Cairney

When she graduated from university with a degree in nursing and began working with patients, Judy Boychuk Duchscher was unpleasantly surprised by the pressures of a job she thought she'd been prepared to do.

"Sometimes I wondered if I was put in situations I wasn't qualified to handle," she said. "From my own experience you (as a new nurse) are educated and prepared but not ready."

Now a seasoned, professional nurse who has practiced for 25 years in Canada and the U.S. co-ordinating heart and lung transplant programs, nursing in critical care cardiology and cardiothoracic surgery, Boychuk Duchscher wants to help nurses entering practice to be better prepared, and to help other health care professionals to understand the pressures new nurses face.

Boychuk Duchscher was one of 25 doctoral and post-doctoral researchers honoured at a ceremony in which more than \$700,000 in Killam Scholarships and awards were distributed recently. The University of Alberta is one of just five universities across the country which award the prestigious scholarships.

She's using the Killam award to work towards her PhD in nursing, conducting research on the experiences of nurses just entering the profession.

Boychuk Duchscher, who has also taught nursing at the undergraduate and graduate levels, has some theories on why the first year of practice is so difficult. For one, the practical experience they have

already had may have given them a false understanding of the profession's demands; and many of them are trying to prove themselves to patients and colleagues.

"I'm trying to discover what part of this is inevitable and what part of this we could make easier. My suspicion is that in some parts of the transition there is nothing we can do but support them."

The project is indicative of the level of work being taken on by the scholarship recipients.

Research being done by Kerry Lyn Humphrey, for example, will have an impact on food sciences and safety. Humphrey holds a degree in physics and computing sciences from Trent University. At first glance it seems like an unlikely background for food sciences, but her research will have important applications in food safety.

Humphrey is creating thermodynamic and kinetic conceptual and mathematical models to describe the crystallization of lipids.

At present, no such models exist. Instead of relying upon factual evidence, researchers use a model that was created for metals, then adapted for use with polymers, then adapted yet again for lipids. Humphrey says that lipid-related research will be conducted more easily and accurately if its starting point is trustworthy.

For example, when studies came out proving harmful effects of trans fats, such a model would have been useful in helping food producers remove those trans fats



Judy Boychuk Duchscher is researching ways to make the first year of practice easier for nurses.

from their products.

And it will help in food processing as well. "Fat molecules are tricky," she said. "Even from one year to another, the canola crop is never the same. This could help determine what additives you have to put in – what different blends of oils you need to make margarine."

The Killam Trusts were established in 1965 by the late Dorothy and Walter Izaak Walton Killam. The Killams bequeathed endowments at the University of Alberta and the University of Calgary, Dalhousie University, the University of British Columbia, and the Montreal Neurological Institute at McGill University. ■

THE OC

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CTV

# Nobel laureate commends educators as "pillars of peace"

**Shirin Ebadi says teachers will change the world**

By Shawn Benbow

Dr. Shirin Ebadi, winner of the 2003 Nobel Peace Prize, spoke to a rapt audience for this year's University of Alberta Visiting Lectureship in Human Rights. Focusing on human rights issues in her home country of Iran, Ebadi spoke on a wide variety of topics including globalization, discrimination, and international relations.

A graduate from the University of Tehran, Ebadi has been in the news recently for representing the family of Zahra Kazemi, the Iranian-Canadian photojournalist who died in police custody in July 2003. The Tehran police officers accused of killing Kazemi were acquitted, provoking an international outcry. When asked about the case, Ebadi garnered applause by stating, "As the lawyer for this case, I will not stop until justice is restored."

Ebadi praised university faculty as "people who are proud of themselves not because of their bank accounts but because of the number of books they have authored; people who are proud of the students they have educated, and not just proud of their material possessions."

According to Ebadi, it is these people who will move society in the direction of peace. Speaking Farsi through a translator, she said that people who are content to serve others function as "pillars of eternal peace" and form the base for knowledge and cooperation. "It is only under peaceful and calm circumstances that knowledge can be pursued and creativity flourishes, and only under those circumstances can we move forward."

She went on to thank Canadians for allowing Iranians to study and teach in Canada. "The exchange of students and professors, translating books into other languages, organizing international conferences – all these are big steps in achieving international and scientific communication," Ebadi said.

However, "after the events of September 11, studying in some advanced fields like information technology, nuclear engineering and genetic engineering (was) prohibited in the United States for students coming from developing countries," Ebadi said.

"If you look at the world as an international village, then all should benefit equally from all its blessings, including science," she said. "We can't brag about globalization and then deprive people from another part of the world knowledge."

Iran was rated by UNESCO as the country where the largest numbers of educated people are leaving. "This is a catastrophe for a country, and the government is to blame," Ebadi said. "Finding a suitable job that would enable a person to manage his or her family is a dream for many



Dr. Shirin Ebadi left, consults with interpreter Dr. Manijeh Mannani during a question-and-answer session. Ebadi delivered the U of A Annual Human Rights Lecture Oct. 22.

young people."

Ebadi praised the Iranian government for adopting a global view of political, economical, and social rights. "Unfortunately, some of the internal regulations do not correspond with the international obligations," she said. For example, gender discrimination still exists within law in Iran.

"A man can divorce his wife without having any legitimate reason; it's very difficult and sometimes impossible for women to ask for a divorce on their own," Ebadi said. The testimony of two women in court are equivalent to that of one man, and the life of a woman is worth half that of a man when calculating insurance settlements. As well, other laws have been developed that seem to lower women's worth even more. "According to an Islamic penalty law approved in 1991, if a man finds his wife in bed with another man, he has the right to kill his wife and the other man and face no punishment," she said.

Over the course of her career, Ebadi has been imprisoned and has had threats on her life. When asked by an audience member where she finds her personal courage, she said simply, "I believe in the truth of my path and I also believe in God, and that gives me strength." Ebadi added later,

"When I look back I think my path has been correct so far, what I have done so far has been right."

Ebadi concluded her speech by exhorting the audience to pursue a path of peace and global co-operation.

"Let's be generous as sunlight, let's spread friendship like the wind. Let's be as furious and destructive as fire against ignorance and prejudice, let's allow the seed of kindness to grow within us as the earth does. Let's be kind to one another, let's be kind." ■

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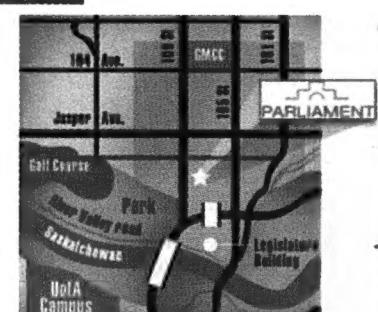
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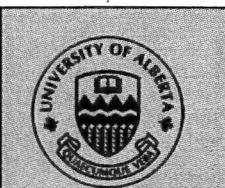
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NOVEMBER 2, 2004

## Building from within

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Some of the University of Alberta's strongest supporters are its students, faculty, staff, governors, senators and alumni. To prove it, they have joined to set the foundation for the launch of Campaign 2008, the University of Alberta's \$310 million fund-raising campaign, by contributing gifts and pledges totaling more than \$13.1 million.

These gifts will help ground the future in knowledge through scholarships, bursaries, educational programs, research and enriched learning facilities.

Michele Carle, a second-year student in the Faculty of Medicine and Dentistry received one of the new awards and gave heartfelt thanks to members of the University of Alberta community who contributed to the award.

"Generosity such as yours gives many students hope, who in turn give that hope back to the university community and the community at large."

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# U of A signs educational and research agreements with Mexico

**University's relationship-building efforts paying off**

By Scott Lingley

Representatives from the University of Alberta have signed four unprecedented co-operation agreements to facilitate collaboration between the U of A and educational institutions and private industry in Mexico.

U of A Provost and Vice President (Academic) Dr. Carl Amrhein, and Dr. Brian Stevenson, associate vice president (international), travelled to Ottawa to sign the agreements in the presence of Prime Minister Paul Martin and Mexican President Vicente Fox, in Canada for three days of trade talks.

"There were nine agreements signed in front of the president and prime minister, and four of them were University of Alberta agreements. No other universities were represented," Stevenson said.

The four agreements, which are the

product of several years of negotiations, mainly focus on academic and scientific collaboration in petroleum and energy-related areas. But the agreement with the Secretariat of Public Education in Mexico will enable full-time professors from Mexico to undertake graduate studies at the U of A as a means of capacity building and professional development for Mexico's state universities.

An agreement between the U of A and the Instituto Mexicano del Petróleo sets out the specific activities the two institutions will pursue in support of research, development of new graduate studies programs and exchange of graduate students.

A Letter of Intent between Escuela de Graduados en Administración y Dirección de Empresas (EGADE) Tec de Monterrey

and the U of A provides guidance for development of a double-degree MBA program in natural resources and energy for full-time MBA students at both institutions; and for the joint development of an Executive MBA program for working professionals in the employ of Mexico's energy and utilities sectors.

The U of A also signed an agreement for academic and scientific collaboration with PEMEX, a major oil company in the Americas, which will enable the company to sponsor employees to undertake graduate studies in engineering and sciences at the U of A.

"The agreement with PEMEX is the only one that exists with a Canadian university. It's taken two years to negotiate

that," Stevenson said.

Stevenson added that the potential benefits derived from these agreements will hopefully extend to private industry and the province as a whole.

"These agreements lay the groundwork for Alberta to be seen in the Mexican energy market as a place where Mexicans can go for discussions and solutions to energy issues and problems, so we think this will help our companies and the province in the long term," he said. "Hopefully this is an interim measure that will lead to greater economic relations between these two countries in the energy sector. We're developing relationships, establishing groundwork and building research agendas that are important for both countries." ■

## talks & events

Submit talks and events to Cora Doucette by 3 p.m. Thursday one week prior to publication. Folio Talks and Events listings will no longer accept submissions via fax, mail, e-mail or phone. Please enter events you'd like to appear in Folio and on ExpressNews at: <http://www.uofaweb.ualberta.ca/events/submit.cfm>.

### UNTIL NOV 03 2004

**Lorna Kemp - Xhibit De Jardin: An Exhibition in Watercolour** This exhibition is Lorna Kemp's final visual presentation for the Certificate of Fine Arts, Faculty of Extension. Extension Centre Gallery, 2nd Floor, University Extension Centre, 8303-112 Street.

### UNTIL NOV 13 2004

**Archaeopteryx: Studies by Derek Besant** Derek Besant will be a distinguished guest artist in the Department of Art & Design and will give a public lecture on his work on November 9 at 3:30 p.m. in Room 2-20 Fine Arts Building. A reception will take place in the Fine Arts Building Gallery (room 1-1) after the lecture. Regular gallery hours are Tuesday to Friday, 10:00 a.m. to 5:00 p.m. Saturday, 2:00 p.m. to 5:00 p.m. Fine Arts Building Gallery, room 1-1 Fine Arts Building, 112 street and 89 avenue.

### UNTIL NOV 13 2004

**faith in the machine: Colin Birnie, MFA Painting** This exhibition is the final visual presentation for the degree of Master of Fine Arts in Painting. An Artist's Talk will be held Friday, November 5, 2004, at 1:00 p.m. in room 2-20 of the Fine Arts Building. Regular gallery hours are Tuesday to Friday, 10:00 a.m. to 5:00 p.m., and Saturday, 2:00 p.m. to 5:00 p.m. Fine Arts Building Gallery, room 1-1 Fine Arts Building, 112 street and 89 avenue.

### UNTIL NOV 17 2004

**Social Anxiety and Shyness Group** Do you feel ANXIOUS when you are: public speaking; meeting strangers; eating in public places; talking to people in authority; speaking to members of the opposite sex; looking people in the eyes? If so, join this group! 8 Wednesdays from 2:00 p.m. - 4:00 p.m. Phone 492-5205 or drop by Student Counselling Services, 2-600 SUB to sign up.

### OCT 29 2004

**University of Alberta Museums Walking Tour: Healthy Spirits / Healthy Minds.** This might be a frightening thought, but Halloween is not just

about candy! Traditionally, the end of October was viewed as the one time of year when the spirit world could make contact with the natural world. This Halloween, join the University of Alberta Museums for a brief "spiritual" excursion and discover how some cultures have respected or represented their dead. On Friday, October 29, from noon until 1:00 p.m., the Department of Museums and Collections Services will lead a guided University of Alberta Museums Walking Tour, the first in a monthly series. Healthy Spirits / Healthy Minds is an informal opportunity for you to learn about the tremendous collections here on your campus and, as part of Healthy Workplace Week, to enjoy a walk in the process. The walking tour will take place come rain, snow or shine so dress appropriately – and by appropriately, the best Halloween costume worn by a walking tour guest will win a University of Alberta Museums prize! Call 492-5834 to register for the University of Alberta Museums Walking Tour. And have a "Healthy Halloween" in mind, body and spirit. 12:00 p.m. to 1:00 p.m. Location: Revealed when you register!

**Cardiovascular Development in the Placenta-Restricted Fetus** Speaker: Dr. Janna Morrison, Postdoctoral Fellow, Physiology, University of Adelaide. 3:00 p.m. to 4:00 p.m. 207 HMRC.

**Cilia and the Cell Cycle: The Role of NIMA-Related Kinases in an Enigmatic Relationship** Lynn Quarby with the Department of Biological Sciences at Simon Fraser University at Burnaby, BC is giving a seminar on "Cilia and the Cell Cycle: The Role of NIMA-Related Kinases in an Enigmatic Relationship." Faculty of Science, Department of Biological Sciences, Molecular Biology and Genetics Group and Genetics 605 students seminar. 3:30 p.m. M-149 Biological Sciences Building.

### NOV 01 2004

**Department of Biological Sciences** Tara Penner, Department of Biological Sciences, University of Alberta is presenting a seminar on "Biological pest control". 11:00 a.m. M-137, Biological Sciences Building.

**Reading by Drew Hayden Taylor** Drew Hayden Taylor is an Ojibway playwright, essayist and short story writer. He has had 16 plays produced and has

won the Major Moore Drama Award and a Native Playwright's Award. He also has a collection of short stories, *Fearless Warriors* (Talon, 1998) and his essay collection, *Funny You Don't Look Like One* was published by Theytus in 1996 and republished twice, each time with additional articles. This reading is funded by a grant from the Canada Council for the Arts. 2:00 p.m. HCL 3.

### Graduate Student-Supervisor Relationships

The student-supervisor relationship can make or break a graduate student's career. What can graduate students do to improve their relationships with their supervisors? Videotaped vignettes will be used to initiate discussion on expectations, roles and responsibilities, student rights, conflict resolution, and University policies related to the student-supervisor relationship. 3:00 p.m. to 4:30 p.m. CAB 235.

### NOV 02 2004

#### Criminal and Aboriginal Public Health

**Law Issues** Health Law Institute Seminar Series. Speakers: Constance MacIntosh, Assistant Professor, Faculty of Law, Dalhousie University and Wayne Renke, Associate Dean (Graduate Studies & Research), Faculty of Law, University of Alberta. 12:00 p.m. to 1:00 p.m. Room 237 Law Centre.

**Teaching Dossiers: Is Someone Going to Read All of This?** A teaching dossier is an important self-learning and organizational tool. It is typically required for promotion, tenure, and teaching award decisions. A teaching dossier requires an initial investment of time and effort, and it needs maintenance. We will examine the construction of teaching dossiers from two perspectives. Firstly, from the standpoint of a staff member constructing and maintaining a dossier and secondly, from the viewpoint of an evaluation committee member using teaching dossiers to assess performance. 3:30 p.m. to 5:00 p.m. CAB 235.

**1908 Society Dinner** Annual 1908 Society black tie dinner. 6:00 p.m. to 10:00 p.m. Faculty Club.

### NOV 03 2004

**Department of Biological Sciences** Archana Parashar, Department of Biological Sciences,

University of Alberta is presenting a seminar on "Protein kinases and Mycobacterial survival." 11:00 a.m. M-137, Biological Sciences Building.

### NOV 03 – NOV 05 2004

**Online Christmas Auction. Over 300 Items** will be auctioned off on CampusAuctionMarket.com valued around \$200,000!!! All items will be sold to the highest bidder; no reserve prices and bidding for all products starts at \$0.01. This year's auction has a new exciting twist. Thanks to CampusAuctionMarket.com, all the packages in the Edmonton Sun will be posted on CampusAuctionMarket.com. Bids can be placed 24-hours-a-day, from the kick-off on Nov. 3 to the auction's end on Nov. 5. Some of the great packages that will be offered include 12 nights' stay in a Fantasyland Hotel theme room, ski packages, rafting packages, hot air balloon rides, and more! Proceeds go to the Edmonton United Way, Sign of Hope and Christmas Bureau. [www.campusauctionmarket.com](http://www.campusauctionmarket.com)

### NOV 03 2004

**PHS Grand Rounds** Dr Linda Carroll, Associate Professor "What does the evidence tell us about the risk, diagnosis, treatment and natural history of mild traumatic brain injury? A best evidence synthesis by the WHO Collaborating Centre Task Force on MTBI." 12:00 p.m. to 1:00 p.m. Room 2-117, Clinical Sciences Building.

**Leadership in the Classroom** Leadership is much talked about in our current society; how does it manifest itself in a classroom setting? Richard Field will examine ideas and theories of leadership and how they may be applied by instructors in their classrooms. 3:00 p.m. to 4:30 p.m. CAB 235.

### NOV 04 TO NOV 06 2004

**Putting Evidence into Practice Workshop** The University of Alberta/Capital Health Evidence-based Practice Centre will be hosting the 2nd Annual "Putting Evidence into Practice" Workshop in Edmonton Nov. 4 - 6. The objectives of the workshop are to learn and enhance critical appraisal skills within different disciplines, to discover new approaches to teaching evidence-based practice,

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to incorporate evidence into decision-making and to network with international leaders in evidence-based practice. Participants attending this transdisciplinary workshop will engage in small group and plenary sessions. Participants will also receive complimentary two-month access to the PEP Internet Desktop. This unique online tool allows participants to access high quality evidence-based information resources, participate in a community of learners and translate theory to practice. For more information, refer to our website at [www.pep.ualberta.ca](http://www.pep.ualberta.ca) or contact the workshop co-ordinator, Kelley Bessette at (780) 492-6357 or [kelly.bessette@ualberta.ca](mailto:kelly.bessette@ualberta.ca) Telus Centre for Professional Development

**NOV 04 2004**

**ICT Forum on Learning Object Sharing and Management** The office of the Vice-Provost (Information Technology) in collaboration with CNS and Sun Microsystems is sponsoring a special 2 hour forum on Learning Object Sharing and Management. The forum will feature James Simon from Sun Microsystems in California, who will speak on the topic of Learning Objects and Learning Object Repositories. This talk will be followed by a panel session and open forum to encourage further discussion on this important topic. 10:00 a.m. to 12:00 p.m. Education South Room 165.

**NGSA Research Days** The 6th Annual Neuroscience Graduate Students Association Research Day. The NGSA is proud to welcome Dr. Tim Murphy from the University of British Columbia who will be giving the keynote address entitled "In vivo 2-photon imaging provides insight into neuroprotection and plasticity in response to stroke". Following this, there will be a poster session featuring the research of graduate students in the Center for Neuroscience. Everyone is welcome to attend the keynote address and poster session during which light refreshments will be available. For information on abstract submission, please contact Melissa Kelly at [makelly@ualberta.ca](mailto:makelly@ualberta.ca) 12:00 p.m. to 5:00 p.m. Bernard Snell Hall.

**Speaker's Series 2004-5: Conjunctions of the Social and the Political** Dr. David Kahane, Associate Professor, Department of Philosophy will give a talk, the title of his talk is "Teaching without drama". 3:30 p.m. to 5:00 p.m. 10-4 Tory Building.

**Globalization and Universities: Local Issues, Global View** Dr. Rachel Thibeault's current research for a United Nations implementing agency (World Rehabilitation Fund) addresses the reintegration of landmine and war victims in countries such as Laos, Cambodia, Lebanon and Sierra Leone. In keeping with the greater goal of rebuilding civil society, the approach goes beyond strict rehabilitation measures and builds on the principles of sustainable livelihoods, service integration and social inclusion. 4:30 p.m. to 5:30 p.m. Room 2-41, Corbett Hall.

**2004 J.G. O'donoghue Memorial Lectureship** The 2004 J.G. O'donoghue Memorial Lectureship presents Dr. Daniel Weary, SERC Industrial Research Chair in Animal Welfare, Professor, Agroecology, University of British Columbia, who will be presenting: "The Science of Animal Welfare" Developing objective methods of assessing animal well-being. Dr. Weary works with students and colleagues in the Animal Welfare Program at the University of British Columbia using behavioural and other non-invasive measures to objectively assess various aspects of animal well-being. Current projects include work on dairy cow comfort and free-stall design, calf rearing and calf housing. Recent work includes more basic research on how vocal and other behaviours can provide us with information about an animal's physical and emotional state, as well as how these measures can be applied to find better ways of handling animals. Attendance is free of charge. All are welcome. For further information please contact Dr. Craig Wilkinson, at 492-2934 or e-mail [craig.wilkinson@ualberta.ca](mailto:craig.wilkinson@ualberta.ca) 5:00 p.m. to 6:00 p.m. Room 1-013, Engineering Technology and Learning Centre (ETLC).

**NOV 04 - 13 2004**

**The 7 Dwarfs, by Kevin Kling** What comes after happily ever after? When the seven Dwarfs suddenly become six, an unexpected crisis ensues. A magical, off-beat fairytale full of quirky delight in the unknown, The 7 Dwarfs is a must-see to restore the faith in once upon a time for all of us! 8:00 p.m. Timms Centre for the Arts.

**NOV 05 2004**

**Balancing Your Needs with Those of Others** Workshop for students who have noticed the following problems with their relationships: Putting others' needs before your own, being taken advantage of and feeling resentful, difficulty saying no, struggling with difference between selfishness and self-care. This two-hour session will focus on assessing your personal situation and exploring options for healthy attitude and behaviour change. Phone 492-5205 or drop by Student Counselling Services, 2-600 SUB to sign up! 1:00 p.m. to 4:00 p.m. 2-600 SUB.

**Control of Stem Cell Proliferation in the C. elegans Germ Line** Dave Hansen with the Division of Cellular, Molecular, and Microbial Biology at the University of Calgary is giving a seminar on "Control

of Stem Cell Proliferation in the C. elegans Germ Line." Faculty of Science, Department of Biological Sciences, Molecular Biology and Genetics Group and Genetics 605 students seminar. 3:30 p.m. M-149 Biological Sciences Building.

**Philosophy Department** Professor Cyrus Panjwani, Department of Philosophy, University of Alberta, will be speaking on "Wittgenstein and Strong Mathematical Verificationism." 3:30 p.m. Humanities Centre 4-29.

**NOV 06 - NOV 07 2004**

**Sow what? A Forum for Challenging Crisis and Cultivating Hopeful Alternatives with Farm Families and Communities** This conference will recognize the stress and uncertainty that rural residents have endured in the past few years, but also focus on the courage, innovation and action that farmers and farm communities all over the Prairies have shown. Speakers will include farmers and ranchers who are working to find alternatives to current agricultural dilemmas, as well as community members and academics who work with rural people. One important facet of the forum is the opportunity for youth from rural areas to participate in their own "mini-conference" and to present their ideas and opinions to the larger crowd. The event will be followed by a Theological Lecture Series, November 7-8 on faith perspectives in cultivating hope on the farm with Rev. Dr. Cam Harder. Farmers, ranchers, rural residents and their families, as well as any interested individuals are welcome to attend. It is an opportunity to ask not only "What Next?" but "What If?" Faith and Life Building, Augustana Faculty, Camrose, Alberta.

**NOV 06 2004**

**Philosophers' Cafe** Topic: Education: What is it? What should it be? Who cares? with Dr. Jerrold Kachur, an associate professor in the Department of Educational Policy Studies, Faculty of Education. Philosophers' Cafes offer you the opportunity to hear one of our U of A scholars speak on a topic; participants are encouraged to converse freely and openly about issues arising, as presenters become the catalyst and resource for ensuing discussions. From 2:00 to 3:30 p.m. at Cruise Cafe, 100, 10216 - 124 Street, Edmonton.

**NOV 08 2004**

**Faculty of Science: A pathogenic mechanism model** Nancy Price, Department of Biological Sciences, University of Alberta is presenting a seminar on "A pathogenic mechanism model." 11:00 a.m. M-137, Biological Sciences Building.

**NOV 09 2004**

**Archaeopteryx: Lecture by Derek Besant on his Work** Derek Besant will be a distinguished guest artist in the Department of Art & Design and will give a public lecture on his work. A reception will take place in the Fine Arts Building Gallery (room 1-1) after the lecture. 3:30 p.m. Lecture Room 2-20, Fine Arts Building, 112 street and 89 avenue, University of Alberta campus.

**PowerPoint Animations** Animations can enhance or detract from your message. This hands-on session works with the possibilities for animation in a PowerPoint presentation and cautions about the problems associated with adding animation just because you can! Limited computer workstations available. 5:00 p.m. to 6:00 p.m. Technology Training Centre.

**NOV 10 2004**

**Department of Biological Sciences** Lige Wu, Department of Biological Sciences, University of Alberta is presenting a seminar on "SecA dependent protein translocation." 11:00 a.m. M-137, Biological Sciences Building.

**PHS Grand Rounds** Dr Gus Thompson, Suicidologist "Health Costs in Alberta 1975-2001: Out-of-Control or Not?" 12:00 p.m. to 1:00 p.m. Room 2-117, Clinical Sciences Building.

**Massey Lecture** The Massey Lectures, a prestigious annual event in Canada for which a noted scholar gives a series of lectures and is sponsored by the University of Toronto's Massey College. CBC Radio One show, Ideas, will broadcast the lecture. The 2004 Massey Lecturer is Ronald Wright, an internationally acclaimed author. This year's Massey Lectures are collectively titled "A Short History of Progress". Each time history repeats itself, so it's said, the price goes up. 8:00 p.m. to 10:30 p.m. Myer Horowitz Theatre, Students' Union Building.

**NOV 11 TO NOV 13 2004**

**Educating for Human Rights & Global Citizenship Conference** Join local, national, and international academics, researchers, pre-service and in-service teachers and community educators to explore issues and possibilities for human rights education and global citizenship: Women's Rights and Education, Educating About the Rights of Indigenous Peoples, International Human Rights Advocacy & Education, General Ethics & Human Rights Education, Educating for Citizenship in a Globalized World. Education Bldg. North - U of A.

# positions

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## SENIOR ASSOCIATE OR FULL PROFESSOR/EXECUTIVE DIRECTOR (PRL) DEPARTMENT OF SOCIOLOGY

The Department of Sociology invites applications for a tenure track position at the senior associate or full professor level for the position of executive director of the department's Population Research Laboratory, commencing July 1, 2005. A PhD is required.

The Population Research Laboratory is the largest university-based survey and demographic research facility in Western Canada. The mission of the PRL is to facilitate the teaching, research and service goals of the Department of Sociology, the Faculty of Arts, and the larger university community. The PRL was established in 1966 and is a centre for social science research at the University of Alberta. Clients of the PRL have included academic researchers, government departments and agencies, regional health authorities, professional associations and non-profit organizations.

The executive director will be expected to develop an independent research program, actively seek research grants and contracts, co-ordinate faculty research efforts, develop a strategic vision and provide administrative leadership to the PRL. The successful candidate will have demonstrated success in obtaining grants, publishing in the social sciences and should exhibit a commitment to interdisciplinary research.

Applicants should submit a letter of intent, curriculum vitae, and arrange for three confidential letters of reference to be sent by December 15, 2004 to:

Dr. R. A. Sydie, Professor and Chair  
Department of Sociology, University of Alberta  
Edmonton, Alberta T6G 2H4 Canada  
Fax: (780) 492-7196

For additional information, the Sociology website is at [www.arts.ualberta.ca/socweb/](http://www.arts.ualberta.ca/socweb/)

## TENURE TRACK FACULTY POSITIONS

### DEPARTMENT OF PHYSICAL THERAPY

Applications are invited for tenure-track positions in the Department of Physical Therapy at the University of Alberta. The department offers two degrees: an entry-level MPT degree, and a thesis-based, MSc degree in physical therapy. The department also participates fully in an interdisciplinary PhD degree program in rehabilitation science.

Qualified candidates should hold a doctoral degree and have a proven record of scholarly activity in teaching and research. Candidates should have a well-defined research agenda. Evidence of successful grant applications will be advantageous. All areas of research related to physical therapy are of interest. Responsibilities will include teaching in both the entry-level and thesis-based programs, and maintaining an active research program.

Within the Faculty of Rehabilitation Medicine,

interdisciplinary research groups focus on common spinal disorders, movement disorders and rehabilitation, child development and aging. Many opportunities for research collaboration are also available on campus, such as the Alberta Centre on Aging, the University Centre for Neuroscience, the Institute of Health Economics, Alberta Heart Institute, the Alberta Provincial CIHR Training Program in Bone and Joint Health, the Centre for Health Promotion Studies, the Community University Partnership for the Study of Children Youth and Families, the Perinatal Research Centre and the Health Care Quality Outcomes Research Centre. Close working relationships exist with the Glenrose Rehabilitation Hospital and other community-based programs in physical therapy. This provides a dynamic, rich environment for physical therapy education and research. Numerous members of the department are also actively engaged in international education, service and research programs.

Rank and salary will be commensurate with qualifications at the Assistant Professor or Associate Professor level. The positions are available immediately. Review of applications will commence on Jan 15, 2005 and continue until the positions are filled. Interested applicants should send curriculum vitae and a statement of teaching and research interests to:

Dr. Albert Cook, Dean  
Faculty of Rehabilitation Medicine  
3-48 Corbett Hall, University of Alberta  
Edmonton, Alberta, Canada T6G 2G4  
Phone: 780-492-5991 Fax: 780-492-1626

## ASSISTANT PROFESSOR DEPARTMENT OF SOCIOLOGY

The Department of Sociology invites applications for two tenure-track positions at the Assistant Professor level in the areas of Social Inequality/Social Policy and Classical Social Theory, commencing July 1, 2005. The benefits package is comprehensive. PhD is required at the time of appointment, and applicants must demonstrate a strong record/outstanding potential for research, excellent communication and teaching skills, and leadership potential.

(1) Social Inequality/Social Policy: Preference will be given to applicants with teaching and research interests in poverty, social class, race/racism, and related areas of social inequality and who emphasize the social policy implications of their research.

(2) Classical Social Theory: Preference will be given to applicants with teaching and research interests in comparative historical sociology, social and political thought, and sociology of knowledge.

Applicants should submit a letter of intent, curriculum vitae, and arrange for three confidential letters of reference to be sent by January 10, 2005 to:

Dr. R. A. Sydie, Professor and Chair  
Department of Sociology, University of Alberta  
Edmonton, Alberta T6G 2H4 Canada  
Fax: (780) 492-7196

For additional information, the Sociology website is at [www.arts.ualberta.ca/socweb/](http://www.arts.ualberta.ca/socweb/)

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## REVIEW COMMITTEE FOR THE DEAN OF THE FACULTY OF PHYSICAL EDUCATION AND RECREATION

As you know, Dr. Mahon's first term as Dean of the Faculty of Physical Education and Recreation will end on June 30, 2005, therefore, a Review Committee has been established in accordance with University regulations. Dr. Mahon has indicated that he intends to seek a second term in office.

At this point in its deliberations, the Review Committee is interested in your opinions about the state of the Faculty of Physical Education and Recreation under the leadership of the current Dean. The Committee believes it is critical that all faculty, staff and students in the Faculty of Physical Education and Recreation have the opportunity to convey their views to the Committee. More specifically, the Committee is interested in the following:

- 1) Leadership – ability to provide a vision and direction for the Faculty of Physical Education and Recreation and achieve the strategic goals of the Faculty;
- 2) Management – fairness, balance and effectiveness in decision-making affecting the direction of the Faculty of Physical Education and Recreation; effectiveness at setting priorities and dealing with issues;
- 3) Personnel Management – issues dealing with the recruitment and retention of staff, as well as the administration of all personnel within Faculty of Physical Education and Recreation;
- 4) Contributions – the contributions of the Dean within the Faculty of Physical Education and Recreation, the University, the Community, and Professional Field;
- 5) Development – the success of the Faculty in achieving its goals with resources available;
- 6) Communications – the effectiveness of both internal and external communications;
- 7) Other matters.

If you wish to respond to the above issues, would you please forward your comments/advice no later than

November 15, 2004 to my attention at the address below:

Carl G Amrhein  
Provost and Vice-President (Academic) &  
Committee Chair  
2-10 University Hall

Edmonton AB T6G 2J9 OR  
E-Mail: [provost@ualberta.ca](mailto:provost@ualberta.ca)

In addition, an open 'Public Forum' with the Dean will be scheduled in the near future. At the Forum, the Dean will discuss his vision of the Faculty of Physical Education and Recreation for the next five years. Please watch for details.

Your views are important to us and I encourage you to share your thoughts with the committee. Should you prefer to submit your comments to another committee member please feel free to do so. Please contact any member of the Dean Review Committee or myself for additional information.

Thank you for your assistance.

Carl G Amrhein

Provost and Vice-President (Academic) and  
Chair, Dean Review Committee

Dean Review Committee Contact Information:  
Carl Amrhein 492-3920 [provost@ualberta.ca](mailto:provost@ualberta.ca)  
Deb Larsen 492-6320 [deb.larsen@ualberta.ca](mailto:deb.larsen@ualberta.ca)  
Bill McBlain 492-5320 [bill.mcblain@ualberta.ca](mailto:bill.mcblain@ualberta.ca)  
Helen Madill 492-8661 [helen.madill@ualberta.ca](mailto:helen.madill@ualberta.ca)  
Teresa Krukoff 492-5920 [teresa.krukoff@ualberta.ca](mailto:teresa.krukoff@ualberta.ca)  
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## EFF – FSIDA (FUND FOR SUPPORT OF INTERNATIONAL DEVELOPMENT ACTIVITIES)

The deadline for receipt of applications to the EFF – FSIDA is January 15, and April 15, 2005.

This Fund exists to enable staff and graduate students (normally PhD candidates) of the University of Alberta to participate in research and in the international transfer of knowledge and expertise through partnerships in developing countries.

Applications and guidelines are available on the University of Alberta International website [www.international.ualberta.ca](http://www.international.ualberta.ca) under "International Cooperation" and "Funding Opportunities" or from the FSIDA Secretary at University of Alberta International, 1204 College

Plaza, 8215-112 Street, telephone 492-6440.

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Application information is available from Deans' Offices.

Applications must be received by the Vice-Provost (2-10 University Hall) by December 1, 2004.

## INTERNATIONAL PARTNERSHIP FUND

The "International Partnership Fund" (IPF) was established to support University of Alberta faculty and staff participating in exchange activities with the university's many partner institutions around the world. The fund provides financial support to faculty and staff engaged in the development

and/or implementation of activities that contribute to sustainable and reciprocal relations with international academic partners. Awards may be used for travel by either the U of A staff/faculty member to visit an international partner, or for the faculty or unit to support a visitor from the partner. The fund favors activities that develop projects bringing an international focus to the academic, research and teaching mandate, and contribute to the internationalization objectives of the faculty.

Support from the IPF will ideally complement multiple funding sources. Matching support from the individual and/or the department/faculty and partner institution is required.

Note: The IPF only applies to those institutions with which the U of A has a formal agreement.

For guidelines, application forms and list of eligible partners, please contact:

University of Alberta International  
1204 College Plaza, Tel: 492-1531/e-mail: [yanmei.fei@ualberta.ca](mailto:yanmei.fei@ualberta.ca)  
or visit our website: <http://www.international.ualberta.ca/cooperation/funding/ipf/>

Application deadline: Monday, November 1, 2004.

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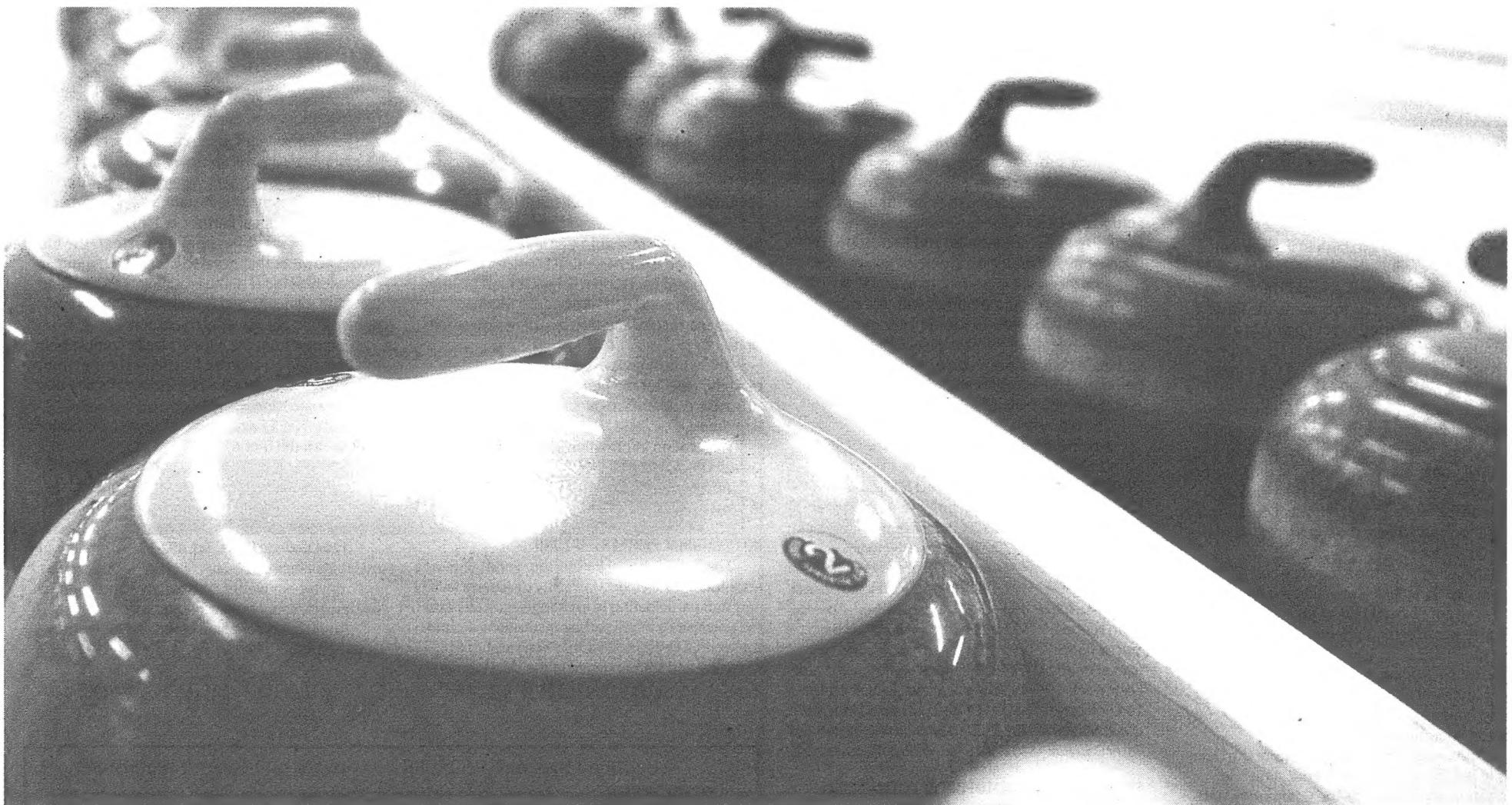
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Photos: Shawn Benbow

# Mixed Curling Club Keeps its Members Rockin'

By Shawn Benbow

No one is certain when the University of Alberta Mixed Curling Club (UAMCC) came into existence, but Allen Gavinchuck is certain that it's been around for a while. "The UAMCC is one of the oldest clubs on campus. I don't know the exact date the club was formed but I know it was in existence in the late 1950s," he said.

In any event, the club is still going strong. With more than 125 members, the club dominates the Granite Curling Club each Sunday night. Composed mostly of undergraduate students, there are also a number of grad students and U of A alumni involved in the club.

Gavinchuck, this year's UAMCC social convener, joined the club in 1997. "I originally joined the club to curl and meet new people. I was new on campus and since I curled in high school, it seemed logical to curl at university," he said. After earning a diploma and a degree in Agriculture, Gavinchuck now works as an environmental supervisor. He stays involved in the league not only to keep curling, but also because he enjoys collaborating with and helping other volunteers in the club.

Stephanie Sweeting, a fourth-year BSc/BEd student and UAMCC vice-president, has been curling since she was 10. She joined in 2003 because she "missed curl-

ing, and hadn't curled since starting at the U of A," and wanted to meet new people. Sweeting was a provincial high school champion in 1999-2000, but enjoys the recreational aspect of the UAMCC. "What else is there to do on a Sunday night besides curling and drinking? Curling is a lot of fun, and it's easy for first-timers," she said.

Although some of the UAMCC's members have been curling for years, there are some who have little or no experience. Joe Van Humbeck curled for the first time last year when a friend asked him to join. Van Humbeck is in his second year of an MSc in Boreal Wetland Ecology, and is currently treasurer of the club.

Even though this is only Van Humbeck's second year curling, he enjoys calling the shots. "I played third last year, and this year I am swapping off between third and skip – I guess you can call me power hungry," he said. "We won our first game this season – after going 0-16 last year, it felt great."

Fourth-year business student Sharon Ohayon joined the club three years ago. Ohayon enjoys playing third, though she says she lacks experience in other positions. "I like it though because it means I get to call shots, but not all the time; I get to do the coin toss, which is seriously

awesome; I don't have to sweep for three people; and I get to throw lots of take-outs. It's great." Ohayon is proud of many of her accomplishments, even simple ones. "I usually don't fall down," she said. "My team was third in the city in high school, and I've thrown rocks that defy physics."

Ohayon keeps coming back because curling is a good way to relieve stress and be active without a huge time commitment. "You get to throw rocks around. You get to meet great people. You get to be active even in the middle of winter. You get a better understanding for a very Canadian sport. You get to be social. Why shouldn't you curl?" ■



Brian Shantz releases a rock (above) and Sharon Ohayon sends a stone on its way, with Shantz and Mike MacLagan sweeping (bottom left).



folio **back page**